

ENDEX/OASIS



Key to Oceanic and Atmospheric Information Sources-No. 1

User's Guide to ENDEX/OASIS

Environmental Data Index and The Oceanic and Atmospheric Scientific Information System

Washington, D.C.

January 1976

(Supersedes May 1974 Issue)



U.S. DEPARTMENT
OF COMMERCE

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

Environmental
Data Service

Environmental Data Service

**Provides a "One-Stop" Data and Information Service
on the Atmosphere, Oceans, Solid Earth, & Sun**

By

- Disseminating worldwide environmental data and data products.
- Providing access to environmental information through publications, library services, and automated referral networks.
- Providing data management and analysis support to environmental research projects.
- Participating in international environmental data exchange and management efforts.

ENDEX/OASIS



Key to Oceanic and Atmospheric Information Sources-No. 1

User's Guide to ENDEX/OASIS

Environmental Data Index and The Oceanic and Atmospheric Scientific Information System

U.S. DEPARTMENT OF COMMERCE

Rogers C. B. Morton, Secretary

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Dr. Robert M. White, Administrator

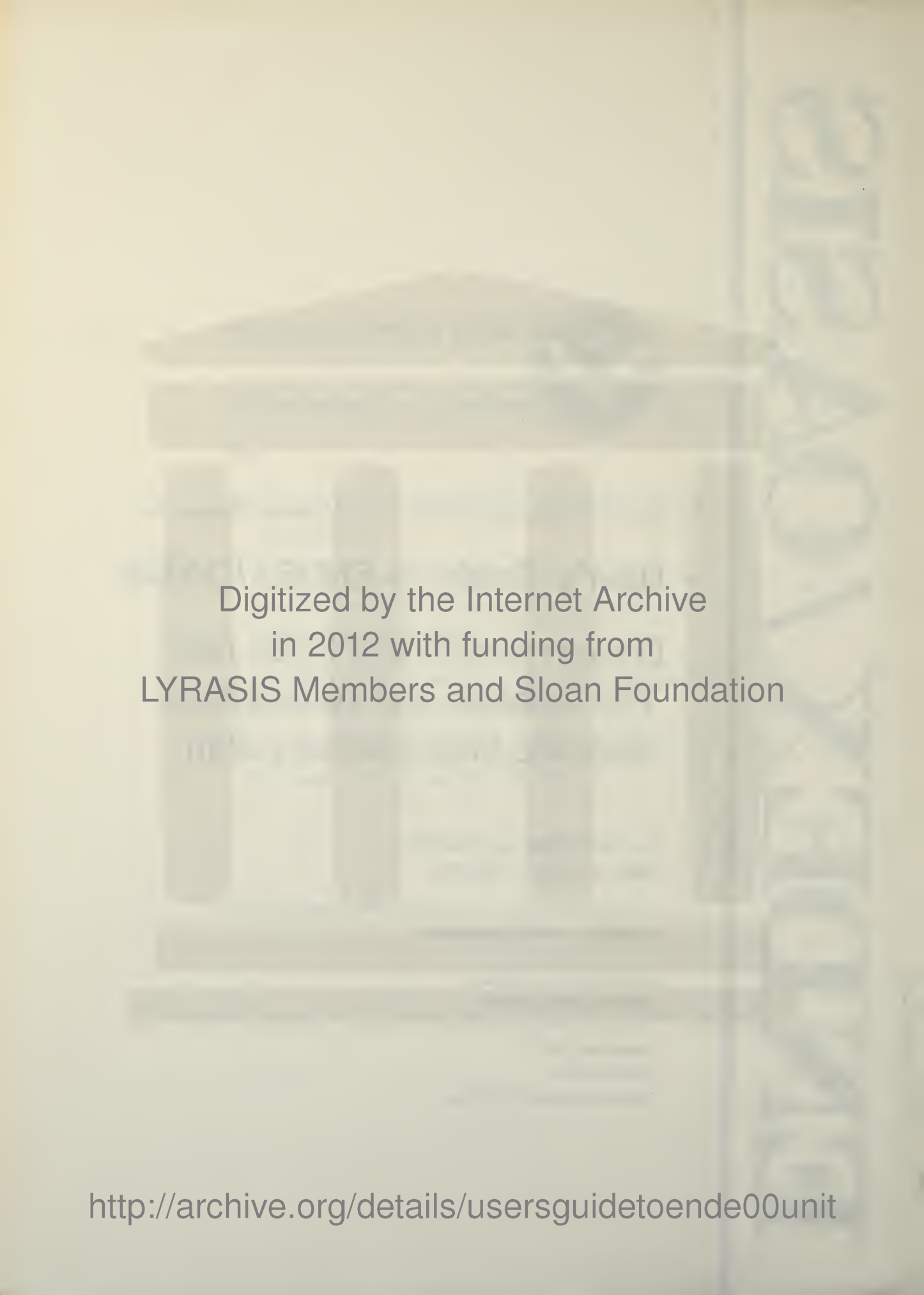
Environmental Data Service

Thomas S. Austin, Director

Washington, D.C.

January 1976

(Supersedes May 1974 Issue)



Digitized by the Internet Archive
in 2012 with funding from
LYRASIS Members and Sloan Foundation

<http://archive.org/details/usersguidetoende00unit>

FOREWORD

ENDEX (Environmental Data Index) and OASIS (Oceanic and Atmospheric Scientific Information System) provide to users a rapid, computerized referral to available environmental data files and published literature in the environmental sciences and marine and coastal resources, respectively.

ENDEX data bases are computer-searchable interdisciplinary files of environmental data. The data bases can be searched by geographic area, measured parameters, institution holding the data, projects, etc. Specifically, ENDEX has three major components: Descriptions of data collection efforts; detailed inventories of large, commonly used files; and descriptions of data files. Data catalogs from large NOAA environmental data collection projects can be identified. ENDEX data bases are updated every two years.

OASIS is an information retrieval service that furnishes ready reference to published technical literature and on-going research efforts concerning the environmental sciences and marine and coastal resources. It provides computerized searches of both NOAA and non-NOAA multidiscipline bibliographic data bases. OASIS provides the user with printed citations (including abstracts for some data bases) and indexing terms.

CONTENTS

1. Introduction	1
2. Services available from ENDEX/OASIS	2
2.1. Environmental data searches (ENDEX)	2
2.2. Retrospective searches of OASIS data bases	3
2.3. Selective dissemination of information (SDI) from OASIS data bases	3
2.4. User interactive searches of OASIS data bases	3
2.5. On-going research information searches (OASIS)	4
3. How to request ENDEX/OASIS services	4
3.1. User interactive data file referral searches (ENDEX)	4
3.2. Retrospective data file searches (ENDEX)	4
3.3. User interactive bibliographic searches (OASIS)	4
3.4. Bibliographic selective dissemination of information (SDI), retrospective bibliographic searches, and on-going research information searches (OASIS)	4
3.5. Where to obtain assistance in requesting ENDEX/OASIS services	7
3.6. OASIS user feedback procedure	11
4. Costs and payment procedure	11
4.1. NOAA personnel	11
4.2. Non-NOAA users	11
4.3. Costs revisions	11
5. ENDEX data bases for referral to data files	13
The Bottom Photograph Camera Station File (PHOTO)	13
Environmental Data Base Directory (EDBD)	14
NODC Index for Instrument-Measured Subsurface Current Observations (NIMSCO)	15
Parameter Inventory Display System (PIDS)	16
Report of Observations/Samples Collected by Oceanographic Programs (ROSCOP)	17
6. OASIS data bases for referral to published literature	19
Air Pollution Abstracts	19
Aquaculture (CULTURE)	20
Automatic Subject Citation Alert (ASCA)	21
Bibliography and Index of Geology (GEOREF)	22
Bibliography of North American Geology (GEOL)	23
Biological Abstracts (BA)	24
Biological Information Retrieval System (BIRS)	25
Bioresearch Index (BRI)	26

Chemical Abstracts Condensates (CAC)	27
Chemical Titles (CT)	28
Congressional Information Service (CIS)	29
Defense Documentation Center Data Base (DDC)	30
Energy (ENER)	31
Engineering Index Compendex (EI)	32
The Fish and Wildlife Reference Service (FWRS)	33
Food Science and Technology Abstracts (FSTA)	34
Geophysical Abstracts (GPA)	35
Government Reports Announcements (GRA)	36
Heated Effluents (HEF)	37
Information Service in Physics, Electrotechnology, Computers and Control (INSPEC)	38
Library of Congress (LIBCON)	39
MEDLINE/CATLINE	40
Meteorological and Geostrophysical Abstracts (MGA)	41
NASA Information Bank (NASA)	42
National Agricultural Library (CAIN)	43
Nuclear Science Abstracts (NSA)	44
Oceanic Abstracts (OA)	45
POLLUTION	46
Science Citation Index (SCISEARCH)	47
Selected Water Resources Abstracts (SWRA)	48
Solid Waste Information Retrieval System (SWIRS)	49
Toxic Materials (TOXMAT)	50
TOXLINE	51
7. Oasis data bases for referral to on-going research	53
Defense Documentation Center Data Base (DDC)	53
Smithsonian Science Information Exchange (SSIE)	54
8. Sample search results	
8.1. Sample of file record from a search of BOTTOM PHOTOGRAPH CAMERA STATION FILE (PHOTO) data base	55
8.2. Sample record from a search of NODC INDEX FOR INSTRUMENT MEASURED SUBSURFACE CURRENT OBSERVATIONS (NIMSCO) data base	56
8.3. Sample cross indexes and formatted output from a search of the ENVIRONMENTAL DATA BASE DIRECTORY (EDBD) data base	57
8.4. Sample citation from a search of the METEOROLOGICAL AND GEOPHYSICAL ABSTRACTS (MGA) data base	60
8.5. Sample citation from a search of the OCEANIC ABSTRACTS (OA) data base	60
8.6. Sample citation (with abstract) from a search of the GOVERNMENT REPORTS ANNOUNCEMENTS (GRA) data base	61
8.7. Sample citation from a search of BIBLIOGRAPHY AND INDEX OF GEOLOGY (GEOREF) data base	61
9. Descriptions of subject index to the ENDEX/OASIS data bases	62

Figures

1. Sample request form
2. Evaluation card form

IF YOU WISH TO RECEIVE UPDATES TO THIS USER'S GUIDE, REFLECTING
ADDITIONAL SERVICES AND CHANGES, PLEASE RETURN THE COUPON BELOW.

IF YOUR NAME IS ALREADY ON THE DISTRIBUTION LIST, YOU NEED NOT RETURN
THIS COUPON.

TO: ESIC, D826
EDS/NOAA
3300 Whitehaven St., N.W.
Washington, D.C. 20235

Yes, I am interested in using ENDEX/OASIS services. Please place
my address on the distribution list for updates to the ENDEX/OASIS
User's Guide.

NAME: _____

ADDRESS: _____

TELEPHONE: _____
(Area Code) (Number)

ENDEX/OASIS USER'S GUIDE

1. INTRODUCTION

The volume, diversity, and widely scattered locations of environmental data and information in the marine, earth, and atmospheric sciences has created the need to provide scientists, engineers, planners, and decision-makers specialized information-retrieval services that will bring to them an awareness of the available data and information in a brief, concise, and timely manner. The typical environmental scientist or manager has information needs that cross many scientific disciplines. A single source or a limited number of sources of bibliographic information or environmental data cannot always be identified to serve an individual or the environmental community at large.

One of NOAA's central functions is to "Observe, collect, communicate, analyze, process, provide and disseminate comprehensive data and information about the state of the upper and lower atmosphere, of the oceans and the resources thereof including those in the seabed, of marine and anadromous fish and related biological resources, of inland waters, of the earth, the sun, and the space environment" NOAA performs this function in order "To ensure the safety and welfare of the public, and to further the Nation's interests and activities with respect to the protection of the public health against environmental pollution, the protection and management of the Nation's biological, mineral and water resources, the maintenance of environmental quality, agriculture, fisheries, industry, transportation, communications, space exploration, national defense and the preservation of the Nation's wilderness and recreation areas"*

Consonant with these objectives, the Environmental Data Index and the Oceanic and Atmospheric Scientific Information System (ENDEX/OASIS) have been developed and will continue to be developed as a "one-stop" service available to the public for computerized searching of references to technical literature, data, and research dealing with the environmental sciences and marine and coastal resources. ENDEX/OASIS is operated by the Environmental Data Service, National Oceanic and Atmospheric Administration (NOAA) in Washington, D. C. This User's Guide contains a description of all ENDEX/OASIS services and how to request such services.

*Department Organization Order, DOO 25-5A,
U.S. Department of Commerce, Washington, D.C.

ENDEX/OASIS is unique in that:

(1) It is publicly available to individuals and organizations who have a need for information in the disciplines of environmental sciences and marine and coastal resources.

(2) It offers access to several environmental bibliographic information and data-referral data bases not available elsewhere.

(3) It offers one-stop access.

(4) In order not to duplicate services available elsewhere, many of the ENDEX/OASIS services offered are obtained through information dissemination centers external to NOAA, but each user submits only a single request, regardless of the data bases chosen for searching.

Comments regarding ENDEX/OASIS services, including requests for additional referral data bases, should be directed to:

For OASIS (Bibliographic and Ongoing Research)

Environmental Science Information Center, D826
EDS/NOAA
3300 Whitehaven St., N.W.
Washington, D. C. 20235
Telephone (202) 634-7336

For ENDEX (Data Referral)

National Oceanographic Data Center
EDS/NOAA
2001 Wisconsin Ave., N. W.
Washington, D. C. 20235
Telephone (202) 634-7500

2. SERVICES AVAILABLE FROM ENDEX/OASIS

2.1 Environmental Data Searches (ENDEX)

Searches of the environmental data referral files of ENDEX will provide the user with a collection of descriptions of data from EDS's national data centers and non-EDS sources. Detailed inventories of large data files contain geographic areas, instruments used to collect the data, the amount of data available, and the organization or institution holding the data. Data file descriptions contain geographic areas covered by the file, quantity and nature of the data, dates of collection, projects associated with the data, cost, availability, publications in which the data can be found, and an abstract explaining the scope of the data.

2.2 Retrospective Searches of OASIS Data Bases

A Retrospective Search is the retrieval of specified subject matter from an entire data base. Retrospective searches are made either on-line or in a batch mode, depending on the extent of automation of the data base to be searched. Abstracts are available from some of the data bases such as AIR POLLUTION ABSTRACTS and GOVERNMENT REPORTS ANNOUNCEMENTS (GRA). This service is usually of greatest value to those who are working on projects that must be completed in a short time or who are beginning a new project and wish to survey the field. A retrospective search is made only once for a given request; but if the results are not satisfactory, the request can be modified and run again. The cost for non-NOAA users depends upon the specific data base(s) searched and occasionally upon the chronological span specified by the user. (See descriptions of data bases for specific charges.)

2.3 Selective Dissemination of Information (SDI) from OASIS Data Bases

SDI, sometimes called "Current Awareness," is the retrieval of citations to current scientific literature as it is published and the periodic dissemination of those citations to the user. SDI search services are available for most data bases. The service resembles a subscription, and the frequency of receipt depends on the frequency with which the data base is updated. This service is usually of greatest value to individuals whose interests are of a long-term, continuing nature. Charges to non-NOAA users for SDI services are made on a per-profile, per-update basis. A profile is defined as one statement of subject matter interests on NOAA FORM 24-21. For example, BIOLOGICAL ABSTRACTS is updated twice a month and is priced at \$12 per issue per profile. Thus the total cost per month is \$24. If the same profile is used for searching more than one data base, the total charge is the sum of the charges of each data base. ENGINEERING INDEX COMPENDEX, for example, is issued once a month and costs \$15 per issue. If a given profile were to be run against both BIOLOGICAL ABSTRACTS and ENGINEERING INDEX COMPENDEX, the monthly charge would be \$39 and the subscriber would receive three releases per month. An SDI profile can be modified at any time to reflect changing professional interests or information requirements. Modifications are not retroactive.

2.4 User Interactive Searches of OASIS Data Bases

User interactive searching refers to user queries of a data base via a terminal. Immediate responses between the computer and user are provided. A user can query a large data base and have his answers in a few minutes. User interactive searching is valuable when the user needs information immediately. It is also useful for testing the presence of relevant material in a data base or finding search strategies for current awareness searches. Approximately 70% of the OASIS data bases are currently searchable in the interactive mode.

On-line interactive access to non-NOAA data bases is available for NOAA users only. Non-NOAA users must make independent arrangements with the data base supplier for such on-line access.

2.5 On-Going Research Information Searches (OASIS)

Information summaries are available on current and recently completed government and non-government research projects. These summaries are not bibliographic citations of published material, but rather are a summary of research projects including names of principal investigators, the organizations performing the research, and other informational items.

3. HOW TO REQUEST ENDEX/OASIS SERVICES

3.1 User Interactive Data File Referral Searches (ENDEX)

Users can search ENDEX data bases interactively via their own terminals by special arrangement with the Data Index Branch. Requests for information related to this service should be directed to the National Oceanographic Data Center, Data Index Branch, D782, EDS/NOAA, 2001 Wisconsin Ave., N.W., Washington, D.C. 20235.

3.2 Retrospective Data File Searches (ENDEX)

Requests for services should be made by writing or calling NODC's Data Services Division, D76, EDS/NOAA, 2001 Wisconsin Ave., N.W., Washington, D.C. 20235, telephone 202-634-7500. Requests should include requester's identification, address, phone number, and as much information as possible on geographic areas of interest, parameters, data format, time periods, etc.

3.3 User Interactive Bibliographic Searches (OASIS)

By special arrangement with the Environmental Science Information Center, NOAA, users can search selected NOAA and non-NOAA data bases interactively via their own terminals. Requests for information related to this service should be directed by letter to the Environmental Science Information Center, D826, EDS/NOAA, 3300 Whitehaven St., N.W., Washington, D.C. 20235.

3.4 Bibliographic Selective Dissemination of Information (SDI), Retrospective Bibliographic Searches, and On-going Research Information Searches (OASIS)

Requests for SDI and retrospective search services are initiated by submission of NOAA Form 24-21, REQUEST FOR OASIS SERVICES. Forms and assistance are available from any of the sources listed in section 3.5. A sample request form is shown in figure 1. Two blank NOAA FORM 24-21's, which may be torn out, are in the back of this User's Guide.

NOAA FORM 24-21 (9-75)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		DATE 6/19/75
REQUEST FOR OASIS SERVICES (OCEANIC AND ATMOSPHERIC SCIENTIFIC INFORMATION SYSTEM)				
1. NAME OF PERSON SUBMITTING REQUEST (Last, First, Middle) ROE, RICHARD CHARLES			2. PHONE NO. (Include A.C.) 213-940-8869	
3. ADDRESS - NUMBER AND STREET 10325 OLIVE STREET				
CITY SAN DIEGO,		STATE CALIFORNIA		ZIP CODE 92105
4. INDIVIDUAL TO ACTUALLY USE THIS SEARCH (Last, First, Middle) SMITH, JOHN Q.				
5. TITLE AND ORGANIZATION PROF., MARINE GEOLOGY, UNIV. OF THE WEST			6. PHONE NO. (Include A. C.) 213-940-8887	
7. DETAILED SUBJECT AREA REQUIREMENTS (Please describe your information needs as specifically as possible. Include key words, synonyms, and taxonomic terms as appropriate, indicating any terms that may have special meaning to your request.) MARINE GEOLOGY OF SOUTHEAST ASIA; ANY REFERENCES IN THIS CATEGORY. INCLUDES COASTAL PROCESSES, STRATIGRAPHY, SEDIMENTATION, STRUCTURE, BATHYMETRIC CHARTS, ETC KEYWORDS: MARINE GEOLOGY				
8. GEOGRAPHIC RESTRICTIONS - (If only certain areas are of interest, list them here) SOUTHEAST ASIA SOUTH CHINA SEA ANDAMAN SEA JAVA SEA STRAITS OF MALACCA GULF OF THAILAND				
9. AUTHORS - (List any authors whose writings are of interest, specifying first and middle names when known) RODOLFO, KEVIN PYNCHON, THOMAS EMERY, K.O. NIINO, H.				
10. LIST ANY JOURNALS WHOSE CONTENTS SHOULD BE EXCLUDED FROM THIS SEARCH NONE				

Figure 1.--Sample request for OASIS services.

<p>11. DATA BASE(S) TO BE SEARCHED - (See user's guide for list of available data bases; consultation with OASIS personnel may be necessary)</p> <p style="text-align: center; font-size: 1.2em;">BIBLIOGRAPHY AND INDEX OF GEOLOGY (GEOREF)</p>			
<p>12. PURPOSE OF SEARCH - (Please indicate the purpose for which this search will be used, giving specific details that will put your request into context. e.g.: ongoing research, prospective research, preparation of book, book chapter, journal article, paper to be presented at conference, etc.)</p> <p style="text-align: center; font-size: 1.1em;">LITERATURE SEARCH IS FOR WRITING A STUDY PLAN FOR PROSPECTIVE SURVEY AND RESEARCH IN THE SOUTHEAST ASIA AREA SPECIFIED.</p>			
<p>13. SEARCH REQUIREMENTS (Please check one of the boxes below to indicate the type search you require)</p> <p> <input checked="" type="checkbox"/> CONTINUING CURRENT AWARENESS (SDI) <input type="checkbox"/> ONE TIME RETROSPECTIVE SEARCH </p> <p> <input type="checkbox"/> OTHER (Specify) _____ </p>			
<p>14. SCOPE DESIRED (Please check one of the boxes below)</p> <p> <input checked="" type="checkbox"/> BROAD SEARCH DESIGNED TO RETRIEVE AS MANY AS POSSIBLE OF THE RELEVANT CITATIONS, BUT WHICH MIGHT ALSO RETRIEVE MANY IRRELEVANT CITATIONS. </p> <p> <input type="checkbox"/> NARROW SEARCH DESIGNED TO RETRIEVE SOME OF THE RELEVANT CITATIONS, BUT WITH FEW ACCOMPANYING IRRELEVANT CITATIONS. </p>			
<p>15. KNOWN RELEVANT PAPERS - (Supply bibliographic citations for a few of the relevant articles you have retrieved by your own efforts. If no relevant papers have been found, state "NONE".)</p> <p style="text-align: center; font-size: 1.1em;">NONE FOUND SINCE JULY, 1970</p>			
<p>16. APPROVAL AND ACCEPTANCE OF CHARGES FOR PERFORMANCE OF WORK (NON-NOAA USERS ONLY)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>SIGNATURE <u>Richard C. Roe</u></p> <p>ADDRESS <u>UNIV. OF THE WEST, 10325 OLIVE ST., SANDIEGO, CA 92105</u></p> </td> <td style="width: 50%; vertical-align: top;"> <p>TITLE AND ORGANIZATION <u>DIRECTOR, DEPT. OF OCEANOGRAPHY</u></p> </td> </tr> </table>		<p>SIGNATURE <u>Richard C. Roe</u></p> <p>ADDRESS <u>UNIV. OF THE WEST, 10325 OLIVE ST., SANDIEGO, CA 92105</u></p>	<p>TITLE AND ORGANIZATION <u>DIRECTOR, DEPT. OF OCEANOGRAPHY</u></p>
<p>SIGNATURE <u>Richard C. Roe</u></p> <p>ADDRESS <u>UNIV. OF THE WEST, 10325 OLIVE ST., SANDIEGO, CA 92105</u></p>	<p>TITLE AND ORGANIZATION <u>DIRECTOR, DEPT. OF OCEANOGRAPHY</u></p>		
<p>17a. PRICE FOR SERVICES FROM USER'S GUIDE (Non-NOAA users only)</p> <p style="text-align: center; font-size: 1.2em;">\$ <u>180/yr.</u></p>	<p>17b. PAYMENT FOR SERVICES (Non-NOAA users only)</p> <p> <input type="checkbox"/> PAYMENT ENCLOSED \$ _____ </p> <p> <input checked="" type="checkbox"/> BILL </p> <p style="font-size: 0.8em;">(Check or money order only)</p> <p style="font-size: 0.8em;">(Make checks payable to U. S. Dept. of Commerce - NOAA)</p>		
<p>SEND THIS FORM WITH PAYMENT, IF APPROPRIATE, TO ANY NOAA OFFICE LISTED IN THE ENDEX/OASIS USER'S GUIDE OR:</p> <p style="text-align: center;"> Environmental Science Information Center (D8) NATIONAL OCEANIC AND ATMOSPHERIC ADM. Washington, D. C. 20235 </p>			
<p>IF SPECIAL ASSISTANCE IS NEEDED FOR COMPLETION OF THIS FORM, CALL:</p> <p style="text-align: center;"> OASIS Technical Information Specialist Area Code (202) 634-7336 Working Hours: 7:30 A.M. to 4:00 P.M. Eastern Time </p>			

Figure 1.--Continued.

3.5 Where to Obtain Assistance in Requesting ENDEX/OASIS Services

NOAA FORM 24-21, "REQUEST FOR OASIS SERVICES," should be completed and mailed to any of the offices listed below. Forms or assistance are also available from the offices listed below.

Atmospheric Sciences Library
Attn: Chief, Reference and Circulation (D821)
National Oceanic and Atmospheric Administration
Gramax Bldg., Rm. 816
8060 13th St.
Silver Spring, Maryland 20910

Tel: Commercial (301) 427-7800
FTS 427-7800

OASIS on-line access available.

Marine and Earth Sciences Library
Attn: Chief, Reference and Circulation (D822)
National Oceanic and Atmospheric Administration
Washington Science Center, Bldg. 1, Rm.108
6001 Executive Blvd.
Rockville, Maryland 20852

Tel: Commercial (301)-443-8022
FTS 443-8022

ENDEX/OASIS on-line access available.

Marine and Earth Sciences Library
Attn: Fisheries Branch (D822)
National Oceanic and Atmospheric Administration
Page Bldg. 2, Rm. 194,
3300 Whitehaven St., N.W.
Washington, D.C. 20235

Tel: Commercial (202)-634-7346
FTS 634-7346

ENDEX/OASIS on-line access available.

NOAA Miami Library (Attn: RF20x4)
Atlantic Oceanographic and Meteorological Labs
15 Rickenbacker Causeway
Virginia Key
Miami, Florida 33149

Tel: Commercial (305)-361-3361, x330
FTS 350-1330

OASIS on-line access available.

Chief, Library Services (Attn: R51)
Environmental Research Laboratories
National Oceanic and Atmospheric Administration
1209 Radio Bldg.
Boulder, Colorado 80302

Tel: Commercial (303)-499-1000, x3271
FTS 323-3271 ENDEX/OASIS on-line access available.

Center for Climatic and Environmental Assessment
Attn: Paula Rosenkoetter
Federal Building, Room 106
Columbia, Missouri 65201

Tel: Commercial (314)-442-2271, x3261
FTS 276-3261 OASIS on-line access available.

National Climatic Center
Attn: Chief, User Services Branch
National Oceanic and Atmospheric Administration
Federal Bldg.
Asheville, North Carolina 28801

Tel: Commercial (704) 258-2850, x680
FTS 672-0680 ENDEX/OASIS on-line access available.

National Geophysical and Solar-Terrestrial Data Center
Attn: Chief, Solid Earth & Marine Geophysical Data Services Division
National Oceanic and Atmospheric Administration
107 Research Bldg. 2
Boulder, Colorado 80302

Tel: Commercial (303)-499-1000, x6521
FTS 323-6521 ENDEX on-line access available.

National Geophysical and Solar-Terrestrial Data Center
Attn: Chief, Solar-Terrestrial Data Services Div.
National Oceanic and Atmospheric Administration
633 Research Bldg. 3
Boulder, Colorado 80302

Tel: Commercial (303)-499-1000, x6323
FTS 323-6323 ENDEX on-line access available.

National Oceanographic Data Center
Attn: Chief, Data Services Division (D76)
National Oceanic and Atmospheric Administration
Page Bldg. 1, Room 404
2001 Wisconsin Ave., N.W.
Washington, D.C. 20235

Tel: Commercial (202)-634-7500
FTS 634-7500

ENDEX/OASIS on-line access available.

Great Lakes Technical Library, D824
Environmental Data Service
National Oceanic and Atmospheric Administration
630 Federal Bldg. & U.S. Courthouse, Rm. 602
Detroit, Michigan 48226

Tel: Commercial (313)-226-6295
FTS 226-6126

ENDEX/OASIS on-line access available.

Librarian
Southwest Fisheries Center (F141)
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
P.O. Box 271
8604 La Jolla Shores Drive
La Jolla, California 92037

Tel: Commercial (714)-453-2820, x243
FTS 893-6243

Librarian
Northwest Fisheries Center (F11)
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
2725 Montlake Blvd. E.
Seattle, Washington 98112

Tel.: Commercial (206)-442-7795
FTS 399-7795

Librarian
Atlantic Estuarine Fisheries Center (F15)
Atlantic Marine Fisheries Service
National Oceanic and Atmospheric Administration
P.O. Box 570
Beaufort, North Carolina 28516

Tel: Commercial (919)-728-4595
FTS not available.

NODC Liaison Officer
NMFS/NOAA
P.O. Box 271
La Jolla, California 92037

Tel: Commercial (714)-453-2820, x204
FTS 893-6204 ENDEX/OASIS on-line access available.

NODC Liaison Officer
AOML/NOAA
15 Rickenbacker Causeway
Virginia Key, Miami, Florida 33149

Tel: Commercial (305)-361-3361, x346
FTS 350-1346 ENDEX/OASIS on-line access available.

NODC Liaison Officer
PMEL/NOAA
3711 15th N. E.
Seattle, Washington 98105

Tel: Commercial (206)-442-0199
FTS 399-0199 ENDEX/OASIS on-line access available.

NODC Liaison Officer
WHOI
Rm. 317A, Clark Lab.
Woods Hole, Massachusetts 02543

Tel: Commercial (617) 548-1400, x546
FTS 840-7279 ENDEX/OASIS on-line access available.

3.6 OASIS User Feedback Procedure

Evaluation by the recipient of OASIS searches is accomplished by completion of NOAA Form 24-22, "OASIS SEARCH EVALUATION," as illustrated in figure 2. This form is a franked, self-mailing 5" x 8" card and is provided with each search. It is requested that this form be completed for each OASIS search received. It is extremely important to use the evaluation procedure if there is any dissatisfaction with search results.

4. COSTS AND PAYMENT PROCEDURE

4.1 NOAA Personnel

There is no charge to NOAA personnel for ENDEX/OASIS services. Searches performed or ordered by NOAA personnel for non-NOAA users will be charged to the non-NOAA users as specified in section 4.2.

4.2 Non-NOAA Users

The costs of ENDEX/OASIS services is determined by the type of search provided (SDI or Retrospective), the number of data bases searched, and in some cases the portion of a particularly large data base searched. The description of each data base in sections 5, 6, and 7 includes all details relating to charges. The price quoted does not apply to large searches requiring more than one hour of terminal connect time or the printing of more than 200 citations. For the normal search, these limits will not be exceeded. You will be notified if these limits are expected to be exceeded.

ENDEX/OASIS services may be paid for in either of two ways:

a. By check or money order submitted with a request. Checks should be made payable to "U.S. Department of Commerce, NOAA," or

b. By indicating at the time a request is submitted that the charges should be billed. This is the normal procedure for requesters from Federal agencies other than NOAA.

4.3 Costs Revisions

Charges for ENDEX/OASIS searches are subject to change without notice. Normally, costs changes will be announced in advance by newsletter or revisions to this User's Guide.

NOAA FORM 24-22 (12-73)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		TOTAL NO. OF CITATIONS SENT (D&32 Use Only)
OASIS SEARCH EVALUATION (OCEANIC AND ATMOSPHERIC SCIENTIFIC INFORMATION SYSTEM)				
1. EVALUATE THE CITATIONS ACCOMPANYING THIS FORM AND ENTER THE NUMBER OF CITATIONS UNDER THE APPROPRIATE CATEGORY OF RELEVANCE:				
MODERATE TO HIGH RELEVANCE		MARGINAL RELEVANCE		NO RELEVANCE
2. OF THE RELEVANT CITATIONS, WHAT PERCENTAGE WAS PREVIOUSLY KNOWN TO YOU?				
3 COMMENTS (Include address/phone correction when needed)				
4. FOR USE BY OASIS PERSONNEL ONLY				
USER	DATA BASE			
ANALYST	DATE FORWARDED			SEARCH NUMBER

Figure 2.--Form for OASIS search evaluation.

5. ENDEX DATA BASES FOR REFERRAL TO DATA FILES

NAME OF DATA BASE: THE BOTTOM PHOTOGRAPH CAMERA
STATION FILE (PHOTO)

SUPPLIER OF DATA BASE: National Oceanographic Data Center

SEARCH CHARGE: Retrospective - \$15 (up to 200 citations)
(Free to NOAA personnel) 10¢ per citation off-line printed
Interactive - Negotiable

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1944-present

FILE SIZE: 7,500

The Bottom Photograph Camera Station File is an index to bottom photographs at oceanographic institutions throughout the U.S. These photos are the result of 7,500 camera stations distributed throughout the world's oceans. The file is organized by camera station, each of which represents at least one bottom photo available from an institution in the U.S. Each station is indexed by the location and the date on which the photograph was taken, type of camera (stereo, TV, movie, etc.), type of film (color, black and white, etc.), number of usable photographs, ship/ cruise/station identifier, and institution from which the photos are available. Additional information included whenever available are:

- (a) photo custodian's evaluation of imagery quality
- (b) compass orientation available
- (c) distinguishable features
- (d) detailed analysis of features
- (e) water depth

This camera station file has been computerized and may be searched on any of the informational items mentioned above.

The camera station inventory selected during a search can be printed in total or in part. Any informational items desired from the total record can be specified. Station location charts may be generated from a CALCOMP Plotter and are available for the entire world or selected areas.

NAME OF DATA BASE: ENVIRONMENTAL DATA BASE DIRECTORY (EDBD)

SUPPLIER OF DATA BASE: National Oceanographic Data Center

SEARCH CHARGE: Batch - \$20 formatted (based on an average
(Free to NOAA personnel) of 75 records)
\$30 Cross-index
Interactive - Negotiable

ACCESS MODE: Batch or interactive

YEARS COVERED: 1850-present

FILE SIZE: 3500 data file descriptions

The Environmental Data Base Directory (EDBD) is a computerized inventory of environmental data bases located at Federal, state, and local government agencies, educational and research institutions, and private industry in the U.S. and Canada. At present, 3,500 environmental data files are described. These pertain largely to Great Lakes and coastal areas of the U.S. The plan is to complete a comprehensive nationwide inventory by 1980.

Each Environmental Data Base description lists the geographic area of data collection, types of data parameters and methods used to measure them, when and where the data were collected, the sensors and platforms used, data formats, restrictions on data availability, publications in which the data may be found, whom to contact for further information, and the estimated cost of obtaining the data.

This file is computerized and searchable interactively on any of the items listed above. Search results can be tailored to the user's needs.

NAME OF DATA BASE: NODC INDEX FOR INSTRUMENT-MEASURED
SUBSURFACE CURRENT OBSERVATIONS (NIMSCO)

SUPPLIER OF DATA BASE: National Oceanographic Data Center

SEARCH CHARGE: Batch - \$7
(Free to NOAA personnel) Interactive - Negotiable

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1965-present

FILE SIZE: 1,200 records

NIMSCO (NODC Index for Instrument-Measured Subsurface Current Observations) is an inventory of subsurface current data available in the U.S. This inventory is indexed by instrument type and model, sampling location and period of usable record, and sampling depth. Other coded fields available are platform type and name, institution holding data, and storage medium type. Data edit and analysis information is added when available.

Each NIMSCO form represents an instrument station. These forms have been computerized and can be searched in the batch mode or interactively on any of the coded fields listed in the paragraph above. Computer outputs can be tailored to the needs of the requester.

NAME OF DATA BASE: PARAMETER INVENTORY DISPLAY SYSTEM (PIDS)
SUPPLIER OF DATA BASE: National Oceanographic Data Center
SEARCH CHARGE: Interactive - Negotiable
 (Free to NOAA personnel)
ACCESS MODE: Interactive
YEARS COVERED: See below.
FILE SIZE: See below.

- 1) Station Data inventory
Years: 1893-present
Access: on-line
Size: 565,000 records
- 2) Mechanical BT inventory
Years: 1941-present
Access: on-line
Size: 783,000 records
- 3) Expendable BT inventory
Years: 1966-present
Access: on-line
Size: 160,000 records

The Parameter Inventory Display System (PIDS) is an interactive inventory for NODC's three largest data files.

(1) The station data file with 565,000 classical ocean stations reporting one or more of the following parameters: temperature, salinity, or transparency (Secchi disc).

(2) The digitized mechanical BT (bathythermograph) file with 783,000 stations.

(3) The XBT (expendable BT) file with 160,000 stations.

PIDS allows the selection of data by any combination of parameters (depth, time period, location or country) and displays the number of stations satisfying those criteria by month and season. The selected station locations can then be displayed directly or in summary form at CRT terminals. Photocopies may be made by NODC for those users lacking CRT devices.

NAME OF DATA BASE: REPORT OF OBSERVATIONS/SAMPLES COLLECTED BY
OCEANOGRAPHIC PROGRAMS (ROSCOP)

SUPPLIER OF DATA BASE: National Oceanographic Data Center

SEARCH CHARGE: Free

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1974 to present

FILE SIZE: 800 (75 to 100 new accessions per month)

The Report of Observations/Samples Collected by Oceanographic Programs (ROSCOP) is intended as an important new mechanism in support of the international oceanographic data exchange system. ROSCOP provides the basis for timely inventories of data and samples collected resulting from on-going programs. Information contained within ROSCOP includes: institution, ship/platform, cruise number, chief scientist(s), dates, geographic area, disposition of data, whom to query for information, and parameters measured/types of studies.

6. OASIS DATA BASES FOR REFERRAL TO PUBLISHED LITERATURE

NAME OF DATA BASE: AIR POLLUTION ABSTRACTS (APA)

SUPPLIER OF DATA BASE: Environmental Protection Agency
Air Pollution Technical Information Center

SEARCH CHARGE: Retrospective - \$5
(Free to NOAA personnel) SDI - \$5/month

ACCESS MODE: Batch

YEARS COVERED: 1967-present

FILE SIZE: 52,000

Air Pollution Abstracts (APA) is the data' base maintained by the Environmental Protection Agency for the collection and dissemination of all domestic and foreign technical literature related to air pollution. Literature coverage includes 7,000 domestic and foreign serial publications, patents, Government reports, dissertations, preprints, technical society papers, and proceedings. Monthly updates of the data base files contain notices of approximately 600 of the most recent technical articles accessioned in air pollution research. The retrospective collection available for custom searches amounts to more than 52,000 documents. SDI frequency is monthly.

NAME OF DATA BASE: AQUACULTURE (CULTURE)
SUPPLIER OF DATA BASE: National Oceanographic Data Center
SEARCH CHARGE: Retrospective - \$10
(Free to NOAA personnel)
ACCESS MODE: Batch or Interactive
YEARS COVERED: 1972-present
FILE SIZE: 2,000 (approx.)

The Aquaculture (Culture) file contains information on growing fresh water, brackish, or marine plants and animals from reports, project summaries, reprints, preprints, manuscripts, progress reports, and film strips. At the present time there are approximately 2,000 citations in the file for the period 1972 to the present. Only retrospective searches of the file are available. "Browse" capability for viewing the documents on microfiche is available.

NAME OF DATA BASE: AUTOMATIC SUBJECT CITATION ALERT (ASCA)

SUPPLIER OF DATA BASE: Institute for Scientific Information

SEARCH CHARGE: Retrospective - \$80
(Free to NOAA personnel) SDI - \$120 (1 yr minimum)
Preselected SDI - \$95 per year

ACCESS MODE: Batch

YEARS COVERED: 1961-present (retrospective citations)
1966-present (subject searching)
Current week (SDI searches)

FILE SIZE: Over 1,000,000

ASCA is a weekly service affording broad interdisciplinary journal literature coverage from the primary journals of basic applied science, engineering and technology, medicine, and social and behavioral sciences. Approximately 3,700 journals are reviewed and all articles published within the journals are entered. 50% of the items are non-English language publications. SDI frequency is weekly.

NAME OF DATA BASE: BIBLIOGRAPHY AND INDEX OF GEOLOGY (GEOREF)
SUPPLIER OF DATA BASE: American Geological Institute
SEARCH CHARGE: Retrospective - \$90
(Free to NOAA personnel) SDI - \$15/month
Interactive - \$75 per connect hr
20¢ off-line printing (per citation)
ACCESS MODE: Batch or Interactive
YEARS COVERED: 1967-present
FILE SIZE: 230,000

GEOREF, the geological reference file, is issued by the American Geological Institute and contains world literature on geology from over 3,000 serials and publications. Over 50,000 citations per year are published. The hard copy counterpart of this file is the Geological Society of America's Bibliography and Index of Geology. The file is updated monthly, providing material for SDI profiles. Also available is the retrospective collection which begins with 1967 and is used in conducting custom searches. The SDI frequency is monthly.

NAME OF DATA BASE: BIBLIOGRAPHY OF NORTH AMERICAN GEOLOGY (GEOL)
SUPPLIER OF DATA BASE: U.S. Geological Survey
SEARCH CHARGE: Retrospective - \$36 per year searched
(Free to NOAA personnel)
ACCESS MODE: Batch
YEARS COVERED: 1961-1968
FILE SIZE: 62,000

Bibliography of North American Geology (GEOL) is a data base of citations covering the years 1961-1968 inclusive. This base was supplied from the North American Geology file, which lists publications dealing with the geology of the North American Continent, Greenland, the West Indies, Hawaii, Guam, and other island possessions, but not the Pacific Trust Territories of the United States. Articles by American authors published in foreign journals are cited if they deal with North American localities or are of a general nature, but not if they deal with foreign areas. Articles on North America by foreign authors are included regardless of the place of publication, while those of a general nature are included only if they appear in North American journals. Only custom retrospective searches are available.

NAME OF DATA BASE: BIOLOGICAL INFORMATION RETRIEVAL SYSTEM (BIRS)
SUPPLIER OF DATA BASE: National Oceanographic Data Center
SEARCH CHARGE: Retrospective - \$15
(Free to NOAA personnel)
ACCESS MODE: Batch or Interactive
YEARS COVERED: 1955-1974
FILE SIZE: 25,000

The NODC Biological Information Retrieval System (BIRS) is a marine biology file generated and maintained by the National Oceanographic Data Center. The file includes references to ecology, environmental factors, phytoplankton, zooplankton, benthos, growth, techniques, productivity, particulate and dissolved organic matter, food chains, nutrient cycles, biodeterioration, microbiology, pollution, aquaculture, bioluminescence, noxious and poisonous organisms, drugs from the sea, and deep scattering layers. English language sources are predominant; other sources include French, Italian, Japanese, Portuguese, Russian, and Spanish. Subsequent to 1974, input to the data base was discontinued. This data base is available for computer searching exclusively from NOAA.

NAME OF DATA BASE:	BIORESEARCH INDEX (BRI)
SUPPLIER OF DATA BASE:	Biosciences Information Service
SEARCH CHARGE: (Free to NOAA personnel)	Retrospective - (See BIOLOGICAL ABSTRACTS) SDI - \$12/month
ACCESS MODE:	Batch
YEARS COVERED:	1969-present
FILE SIZE:	462,000

The Bioresearch Index (BRI) data base is supplied by the Bioscience Information Service (BIOSIS). The associated hard copy of this data base is published monthly. Over 90,000 new articles are cited each year, taken from additional journals and reports not covered by Biological Abstracts. The Bioresearch Index file contains material about applied research and is issued monthly. Tape records for the data base average 7,500 titles per issue. Retrospective searches back to 1969 can be ordered on special request. SDI frequency is monthly.

NAME OF DATA BASE: CHEMICAL ABSTRACTS CONDENSATES (CAC)

SUPPLIER OF DATA BASE: Chemical Abstracts Service

SEARCH CHARGE: Retrospective - \$48
(Free to NOAA personnel) SDI - \$12/week
Interactive - \$45/connect hour
8¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1970-present

FILE SIZE: 1,600,000

The Chemical Abstracts Condensates (CAC) corresponds to Chemical Abstracts and is supplied by the Chemical Abstracts Service. It is issued weekly with half the subject scope covered one week and the other half on the following week. Searches may be tailored to either the "ODD" (CAO) series, or the "EVEN" (CAE) series for SDI profiles. Yearly, approximately 380,000 new articles are expected to be cited.

NAME OF DATA BASE:	CHEMICAL TITLES (CT)
SUPPLIER OF DATA BASE:	Chemical Abstracts Service
SEARCH CHARGE: (Free to NOAA personnel)	Retrospective - \$71/year searched
ACCESS MODE:	Batch
YEARS COVERED:	1962-1968
FILE SIZE:	627,000

Chemical Titles (CT) covers 650 journals of pure and applied chemistry and chemical engineering with a content of 100,000 to 120,000 documents per year. This data base is available only as a retrospective collection for custom searches in the years 1962 through 1968. Following this period, searches are run on the CAC data base collection.

NAME OF DATA BASE: CONGRESSIONAL INFORMATION SERVICE (CIS)

SUPPLIER OF DATA BASE: Congressional Information Service, Inc.

SEARCH CHARGE: Retrospective - \$82
(Free to NOAA personnel) User Interactive - \$100/connect hr
(Subscribers)
8¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1970-present

FILE SIZE: 40,000

The Congressional Information Service (CIS) provides current and retrospective coverage of publications of the U.S. Congress, including committee hearings and prints; House and Senate reports, documents, publications; House and Senate special publications, and Senate executive reports and documents. The data base is updated monthly with approximately 900 citations. On-line access is limited to subscribers to CIS publications.

NAME OF DATA BASE:	DEFENSE DOCUMENTATION CENTER DATA BASE (DDC)
SUPPLIER OF DATA BASE:	Defense Documentation Center
SEARCH CHARGE:	This data base is available through OASIS for
(Free to NOAA personnel)	NOAA personnel only.
ACCESS MODE:	Batch
YEARS COVERED:	1953-present
FILE SIZE:	over 670,000

The Defense Documentation Center (DDC), a field activity of the Defense Supply Agency, maintains several data bases and makes available from one central depository thousands of research and development reports produced each year by U.S. military organizations and their contractors. Two of these data bases are available for OASIS use: the Research and Technology Work Unit Information System (WUIS) and Technical Report (TR) Program. WUIS is described in this manual under the "Referral to On-going Research" section.

The TR data base contains terminated or completed research and development project reports. Only unclassified products are available through OASIS.

The Center's technical report collection totals more than a million titles. Those accessioned since March 1953, about 670,000, are under computer control for quick retrieval. These include more than 65,000 titles in electronics and electrical engineering and 90,000 concerning studies in physics. Almost all areas of science and technology are included in the total data base.

NAME OF DATA BASE: ENERGY (ENER)

SUPPLIER OF DATA BASE: Environmental Information System Office,
Oak Ridge National Laboratory

SEARCH CHARGE: Retrospective - \$12
(Free to NOAA personnel)

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1970-present

FILE SIZE: 3,500

Energy (ENER) is a data base of bibliographic references related to all aspects of the energy problem. It was supported by the National Science Foundation and prepared by the Environmental Information System Office at Oak Ridge National Laboratory. The ENERGY data base contains references to books, reports, technical and semitechnical journal articles, symposium papers and proceedings, and Congressional committee prints. At the present time, the data base contains almost 2,000 references and is increasing. Retrospective custom searches are available. No capability for SDI search services has been planned. At this writing, interactive searches are available only from an ESIC terminal in Washington, D.C.

NAME OF DATA BASE: ENGINEERING INDEX COMPENDEX (EI)

SUPPLIER OF DATA BASE: Engineering Index, Inc.

SEARCH CHARGE: Retrospective - \$60
(Free to NOAA personnel) SDI - \$15/month
 Interactive - \$65 per connect hr
 10¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1970-present

FILE SIZE: 275,000

The Engineering Index Compendex (EI) corresponds to the Engineering Index Monthly and is supplied and published by Engineering Index, Inc. It is the only English language monthly indexing service covering the worldwide engineering spectrum. Articles from approximately 2,200 current serial and nonserial publications are abstracted. The update of the data base files amounts to about 7,000 documents per month, to which SDI profiles can be applied. The retrospective collection for custom searches begins with the year 1969. The file is updated monthly.

NAME OF DATA BASE: THE FISH AND WILDLIFE REFERENCE SERVICE (FWRS)

SUPPLIER OF DATA BASE: Denver Public Library

SEARCH CHARGE: Retrospective - \$35.00
(Free to NOAA personnel)

ACCESS MODE: Batch

YEARS COVERED: 1940-present - Wildlife reports
1950-present - Fishery reports

FILE SIZE: 11,000

The Fish and Wildlife Reference Service (FWRS) is a computerized information retrieval system providing research information on American fish and wildlife. Literature covered are reports, unpublished and published articles, monographs, theses, and dissertations. Approximately two-thirds of the data consists of unpublished state reports generated by the Anadromous Sport Fish Conservation Program and the Federal Aid in Fish and Wildlife Restoration Program.

NAME OF DATA BASE:	FOOD SCIENCE AND TECHNOLOGY ABSTRACTS (FSTA)
SUPPLIER OF DATA BASE:	International Food Information Service
SEARCH CHARGE:	Retrospective - \$80
(Free to NOAA personnel)	SDI - \$5/month
ACCESS MODE:	Batch
YEARS COVERED:	1969-present
FILE SIZE:	70,000

The Food Science and Technology Abstracts (FSTA) data base is produced by the International Food Information Service. FSTA gleans about 1,400 abstracts each month from worldwide patents, books, and journals dealing with food processing problems. Topics treated include fish and marine products, food economics, and packaging. 1,200 primary journals are searched. Of these, 150 are from the United States, 100 from Germany, 80 from the United Kingdom, 60 from France, 58 from the USSR, and 145 from Japan. The file contains 70,000 citations for the period 1969-present.

NAME OF DATA BASE: GEOPHYSICAL ABSTRACTS (GPA)

SUPPLIER OF DATA BASE: U.S. Geological Survey

SEARCH CHARGE: Retrospective - \$36/yr searched
(Free to NOAA personnel)

ACCESS MODE: Batch

YEARS COVERED: 1966-1970

FILE SIZE: 29,000

The Geophysical Abstracts (GPA) data base contains citations from journals and other publications dealing with geology worldwide. It is available as a retrospective collection for custom searches only. The GPA is available for the years 1966-1970. The supplier of input for the data base was the U.S. Geological Survey.

NAME OF DATA BASE: GOVERNMENT REPORTS ANNOUNCEMENTS (GRA)

SUPPLIER OF DATA BASE: National Technical Information Service

SEARCH CHARGE: Retrospective - \$100
(Free to NOAA personnel) SDI - \$10/biweekly
Interactive - \$35 per connect hr
10¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1964-present

FILE SIZE: 500,000

The Government Reports Announcements (GRA) (formerly USGRDR) is a data base issued by the National Technical Information Service (NTIS). The GRA data base is multidisciplinary and covers newly generated U.S. Government research and development reports of completed projects and efforts, as well as translations of foreign technical material. The file consists of more than 500,000 titles collected since 1964. The corresponding hard copy associated with the data base is the abstract bulletin published by NTIS under the same name.

Documents and reports submitted to NTIS come from all major departments and agencies within the Federal government, as well as leading private organizations or individuals with Federal grants or contracts, such as the Department of Defense, Housing and Urban Development, the Environmental Protection Agency, Booz-Allen, TRW Systems Group, Mitre Corporation, MIT, Sandia Laboratories, and the Rand Corporation.

Updates of the data base file are run biweekly and provide the material for SDI profiles. In addition to the SDI capability, a custom search service is available for retrieving information from the retrospective collection, with coverage back to 1964.

Government Reports Announcements contains abstracts of all NOAA publications and those produced under NOAA contracts and grants, including the National Sea Grant Program.

NAME OF DATA BASE: HEATED EFFLUENTS (HEF)
SUPPLIER OF DATA BASE: Cornell University
SEARCH CHARGE: Retrospective - \$12.00
(Free to NOAA personnel)
ACCESS MODE: Batch or Interactive
YEARS COVERED: 1774-present
FILE SIZE: 5,000

Heated Effluents (HEF) is a special file on the effects of heated effluents from power plants on the aquatic environment. References date back to 1774. (At this writing, interactive searches are available from an ESIC terminal in Washington, D.C. only.),

NAME OF DATA BASE: INFORMATION SERVICE IN PHYSICS, ELECTROTECH-
NOLOGY, COMPUTERS AND CONTROL (INSPEC)

SUPPLIER OF DATA BASE: Institution of Electrical Engineers, London

SEARCH CHARGE: Retrospective - \$60.00
(Free to NOAA personnel) SDI - \$10 semimonthly
Interactive - \$45 per connect hr
10¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1969-present

FILE SIZE: Over 700,000

Information Service in Physics, Electrotechnology, Computers and Control (INSPEC), the data base of the Institution of Electrical Engineers, is a composite of three published abstracting and indexing services. The three services scan published literature in the subject fields of physics, electrical engineering and electronics, computers, and control. The INSPEC data base consists of abstracts of journal articles, technical reports, patents, conference proceedings, books, and theses. Both SDI (current awareness) and retrospective custom search profiles are available for user services. This data base is updated semimonthly for SDI searches.

NAME OF DATA BASE: LIBRARY OF CONGRESS (LIBCON)

SUPPLIER OF DATA BASE: Information Dynamics Corporation (IDC)

SEARCH CHARGE: Retrospective - \$102.00
(Free to NOAA personnel) Interactive - \$120 per connect hour
25¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1965-present

FILE SIZE: 837,000

LIBCON provides nationwide on-line access to the Library of Congress catalog. The file will eventually cover everything cataloged by the Library since 1965, including titles from the National Program for Acquisitions and Cataloging (approximately 1.5 million items). The data base will grow at approximately 28,000 items each month. This data base provides users access to the extensive monographic literature, in all subject areas, of the Library of Congress.

NAME OF DATA BASE: MEDLINE/CATLINE

SUPPLIER OF DATA BASE: National Library of Medicine

SEARCH CHARGE: Retrospective - \$5
(Free to NOAA personnel)

ACCESS MODE: Batch

YEARS COVERED: 1973-present (1969, 1970, 1971, and
1972 available upon special request)

FILE SIZE: 50,000

MEDLINE/CATLINE is the bibliographic search service of the National Library of Medicine. It contains more than 533,000 citations to articles from about 1,200 major journals indexed for the associated publication Index Medicus. The material cited in the data base is from the world's biomedical serial literature. The continuous updating of the data base permits retrieval references to the latest journal articles of interest to the MEDLINE user. Typical journals reviewed for MEDLINE include Environmental Health Perspective, Environmental Research, Enzymologia, Clinical Toxicology, Biochemistry, Biodynamica, Health Physics, Journal of Experimental Biology, Toxicon, and Science. The file is updated each month.

CATLINE (Catalog-on-line) searches of the NLM are available if requested as part of a MEDLINE search. CATLINE includes catalogued records dating back to 1965.

NAME OF DATA BASE: METEOROLOGICAL AND GEOASTROPHYSICAL ABSTRACTS
(MGA)

SUPPLIER OF DATA BASE: American Meteorological Society
(under contract to the National Oceanic and
Atmospheric Administration)

SEARCH CHARGE: Retrospective - \$20
(Free to NOAA personnel) SDI - \$10/month
Interactive - \$35 per connect hr
(NOAA terminals)
10¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1972-present

FILE SIZE: 25,000

The Meteorological and Geoastrophysical Abstracts (MGA) data base consists of approximately 25,000 citations from domestic and foreign publications dealing with meteorology, physical oceanography, surface water hydrology, glaciology, solar physics, and related subjects. It is the major English language abstracting and indexing service in the atmospheric sciences. The data base is comprised of the citations published in Meteorological and Geoastrophysical Abstracts by the American Meteorological Society (AMS). Citations are added to the data base as they become available from AMS. Citations for 1970 and 1971 will be added early in calendar year 1976. The MGA computerized data base was developed by NOAA especially for the OASIS program.

NAME OF DATA BASE:	NASA INFORMATION BANK (NASA)
SUPPLIER OF DATA BASE:	National Aeronautics and Space Administration
SEARCH CHARGE:	This data base is available through OASIS
(Free to NOAA personnel)	for NOAA personnel only.
ACCESS MODE:	Batch
YEARS COVERED:	1963-present
FILE SIZE:	800,000

The NASA Information Bank contains bibliographic data on the complete NASA scientific and technical information collection, including reports, journal articles, books, translations, and conference papers in about 200 separate topic categories relating to aerospace, science, engineering, and technology. Customized current awareness searches are not available. The NASA Information Bank has a retrospective search capability covering the period 1963 to present. The NASA data base is updated bimonthly.

The NASA bank includes Selected Current Aerospace Notice (SCAN), a current awareness service that announces new accessions in a fixed number of preselected new categories. SCAN supplements the basic and continuing NASA announcement tools with Scientific and Technical Aerospace Reports (STAR) and International Aerospace Abstracts (IAA). The two journals announce more than 60,000 documents per year.

NAME OF DATA BASE: NATIONAL AGRICULTURAL LIBRARY (CAIN)

SUPPLIER OF DATA BASE: U.S. Department of Agriculture

SEARCH CHARGE: Retrospective - \$35
(Free to NOAA personnel) SDI - \$15/month
Interactive - \$25 per connect hr
10¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1970-present

FILE SIZE: 605,000

The Cataloging and Indexing (CAIN) data base contains bibliographic information on documents acquired by the National Agricultural Library on a worldwide basis in the broad field of agriculture, including agricultural economics and rural sociology, agricultural products, animal industry, engineering, entomology, food and human nutrition, forestry, pesticides, plant science, soils and fertilizers, and other related subject fields. It includes both monographs and journals articles.

NAME OF DATA BASE: NUCLEAR SCIENCE ABSTRACTS (NSA)

SUPPLIER OF DATA BASE: Energy Research and Development
Administration

SEARCH CHARGE: Retrospective - \$12.00
(Free to NOAA personnel) SDI - \$10/semimonthly

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1968-present

FILE SIZE: 490,000

Nuclear Science Abstracts (NSA) is issued by the Energy Research and Development Administration and corresponds to the printed publication of the same name. The subject scope of the data base includes the study of production, properties, and phenomena of atomic nuclei, subatomic particles, gamma rays, and nuclear X-rays and the application of nuclear science to other sciences and engineering. The application of other sciences and engineering to the problems of nuclear science is also included. Updates of the data base are issued semimonthly, providing output to SDI profiles. The retrospective collection for custom searches covers literature back to 1968. Approximately 47,000 documents are added to the data base files annually. SDI frequency is semimonthly.

At this writing interactive searches are available only at ESIC terminals in Washington, D.C.

NAME OF DATA BASE: OCEANIC ABSTRACTS (OA)

SUPPLIER OF DATA BASE: Data Courier, Inc.
(Purchased and automated under NOAA contract)

SEARCH CHARGE: Retrospective - \$30
(Free to NOAA personnel) SDI - \$10 bimonthly
Interactive - \$35 per connect hr
(NOAA terminals)
10¢ off-line printing per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1964-present

FILE SIZE: 81,000

The Oceanic Abstracts (OA) data base is an automated, on-line version of the bimonthly publication, Oceanic Abstracts. The data base contains citations to all articles abstracted in the journal, (formerly Oceanic Citation Journal and Oceanic Index) relating to materials on oceans and freshwater-saltwater interface in the subject areas of biology, fisheries, geology, meteorology, oceanography, acoustics, optics, and pollution. OA provides a comprehensive coverage of ocean-related literature and consists of approximately 81,000 citations for the years 1964 through 1975. Each year, approximately 2,000 primary sources, both foreign and domestic, are screened and relevant material is abstracted and indexed. This data base is updated bimonthly, which is the SDI frequency.

NAME OF DATA BASE: POLLUTION

SUPPLIER OF DATA BASE: Data Courier, Inc.

SEARCH CHARGE: Retrospective - \$77
(Free to NOAA personnel) Interactive - \$90 per connect hr
15¢ off-line per citation

ACCESS MODE: Batch or Interactive

YEARS COVERED: 1970-present

FILE SIZE: 35,000

POLLUTION corresponds to the Pollution Abstracts bimonthly publication. The citations are from foreign and domestic material, covering the entire spectrum of pollution control and pollution research; air, water, marine, land, noise, and thermal pollution; sewage and waste treatment contracts; legal developments; patents; and pesticides. Update amounts to 1,000 citation bimonthly.

NAME OF DATA BASE: SCIENCE CITATION INDEX (SCISEARCH)
SUPPLIER OF DATA BASE: Institute for Scientific Information
SEARCH CHARGE: Batch - \$62
Interactive - \$70 per connect hr
10¢ off-line printing (per citation)
ACCESS MODE: Batch or Interactive
YEARS COVERED: 1974-present
FILE SIZE: 850,000

SCIENCE CITATION INDEX (SCISEARCH) is a multidisciplinary index covering about 2,500 periodicals in the physical sciences, medicine, psychology, and other areas. Coverage is comprehensive including all possibly useful items such as articles, editorials, letters, meeting reports, patent information, book reviews, etc. Included in each bibliographic reference is a list of works cited which can be used to retrieve current relevant citations through the cited author's name or cited journal. Approximately 40,000 items are added each month.

NAME OF DATA BASE: SELECTED WATER RESOURCES ABSTRACTS (SWRA)

SUPPLIER OF DATA BASE: U.S. Department of the Interior
 Water Resources Scientific Information Center

SEARCH CHARGE: Retrospective - \$12
(Free to NOAA personnel) SDI - \$5 per month

ACCESS MODE: Batch

YEARS COVERED: 1968-present

FILE SIZE: 83,000

The Selected Water Resources Abstracts (SWRA) is maintained and updated by the Water Resources Scientific Information Center of the U.S. Department of the Interior. The data base encompasses the broad research areas of water resources such as the hydrologic cycle; supply and demand for water; conservation and the best use of water; and engineering, economic, and biological factors relating to water. Literature coverage for the data base began in 1968 and now includes more than 83,000 citations. Retrospective custom searches are available. SDI is available on a monthly basis.

NAME OF DATA BASE: SOLID WASTE INFORMATION RETRIEVAL SYSTEM (SWIRS)

SUPPLIER OF DATA BASE: Environmental Protection Agency
Office of Solid Waste Management Programs

SEARCH CHARGE: Retrospective - \$5
(Free to NOAA personnel) SDI - \$5 semimonthly

ACCESS MODE: Batch

YEARS COVERED: 1964-present

FILE SIZE: 25,000 (approx.)

The data base of the Solid Waste Information Retrieval System (SWIRS) contains a comprehensive collection of the world's relevant published literature in the field of solid-waste management. More than 7,000 titles are screened for accession of relevant literature. An abstract is included for each citation in the data base. Full texts of all documents accessioned into the system are maintained by the Library Section of the Office of Solid Waste Management, Washington, D. C.

NAME OF DATA BASE: TOXIC MATERIALS (TOXMAT)
SUPPLIER OF DATA BASE: Oak Ridge National Laboratory
SEARCH CHARGE: Retrospective - \$12
(Free to NOAA personnel)
ACCESS MODE: Batch or Interactive
YEARS COVERED: 1968-present
FILE SIZE: 5,000

The Toxic Materials (TOXMAT) file contains about 5,000 citations of pollutants such as cadmium, mercury, and thallium. The full abstracts are stored with the file. An author index and an index of subject categories are available as well as a keyword index. The Toxic Materials file is supported by the Oak Ridge National Laboratory's Environmental Information Systems Office. As the file is updated on an "as needed" basis, only retrospective custom searches are available. At this writing interactive searches are available only from ESIC terminals in Washington, D.C.

NAME OF DATA BASE: TOXLINE

SUPPLIER OF DATA BASE: National Library of Medicine

SEARCH CHARGE: Retrospective - \$30
(Free to NOAA personnel)

ACCESS MODE: Batch

YEARS COVERED: 1948-present

FILE SIZE: 273,000

The data base of the Toxicology Information Program (TOXLINE) of the National Library of Medicine contains over 273,000 abstracts and citations to toxicology data and information. Six primary sources are reviewed for inclusion in this data base and include Hayes File on Pesticides (1948-1961), Toxicity Bibliography (1968-1974), Health Aspects of Pesticides Bulletin (1966-1974), Abstracts on Health Effects on Environmental Pollutants (1972-1974), Chemical Biological Activities File (1965-1974), and International Pharmaceutical Abstracts (1970-1974).

TOXLINE contains source materials on methods of detection and analysis of toxic substances in biological tissues and fluids; metabolism of toxic substances; treatment of poisoning and overdoses; toxicity and adverse effects (including interactions); poisonings by drugs; and data on hazardous household, agricultural, and industrial products; and information regarding the effects of environmental pollutants, (including occupationally hazardous chemicals) on man, the human food chain, laboratory animals, and biological systems.

7. OASIS DATA BASES FOR REFERRAL TO ON-GOING RESEARCH

NAME OF DATA BASE: DEFENSE DOCUMENTATION CENTER DATA BASE (DDC)

SUPPLIER OF DATA BASE: Defense Documentation Center

SEARCH CHARGE: This data base is available through OASIS
(Free to NOAA personnel) for NOAA personnel only.

ACCESS MODE: Batch

YEARS COVERED: Current (as long as project is on-going)

FILE SIZE: Open

The Research and Technology Work Unit Information System (WUIS), a DDC data base, is a collection of technically oriented work summaries of research and technology projects currently in progress. The data provides the information on what, where, when, how, at what costs, by whom, and under whose sponsorship the research is being performed.

This data base covers electronics and electrical engineering, physics, and almost all areas of science and technology. Only unclassified projects are available through OASIS.

NAME OF DATA BASE: SMITHSONIAN SCIENCE INFORMATION EXCHANGE
(SSIE)

SUPPLIER OF DATA BASE: Smithsonian Science Information Exchange,
Inc.

Search Charges: Retrospective - \$70 for 50 citations printed
(Free to NOAA personnel) \$10 for each additional 1-50
citations
SDI - \$20 (monthly for 12 months)
Interactive - \$110 per connect hour
25¢ off-line printing per citation

ACCESS MODE: Batch and Interactive

YEARS COVERED: Past two government fiscal years and
the current fiscal year

FILE SIZE: 200,000

The Smithsonian Science Information Exchange (SSIE) data base is maintained and constantly updated by SSIE, Inc. The continuous updating provides search results for SDI profiles, information packages on topics of current interest in the sciences. Retrospective searches are available. The file is updated daily with new project information. Other information is added monthly and annually depending on the project. The data bases contain summaries of current, as well as recently completed research projects.

8. SAMPLE SEARCH RESULTS

8.1 Sample of File Record from a Search of BOTTOM PHOTOGRAPH CAMERA
STATION FILE (PHOTO) Data Base

INSTITUTION/DEPT

WOODS HOLE OCEANOGRAPHIC INST; GEOLOGY AND GEOPHYSICS

PLATFORM/CRUISE NO	SHIP STA NO	CAM STA NO	ACCESS NO
ATLANTIS 151	4730	65	07786

MARSDEN SQUARE	GRID LOCATOR	BEGIN DATE	END DATE
144371	1300711350	480516	

BEGIN LAT	MID LAT	END LAT
371500N		

BEGIN LONG	MID LONG	END LONG
001300E		

LOC ORIG NEGATIVE WOODS HOLE OCEANOGRAPHIC INST; CHIEF SCIENTIST, M.J.

POLLACK; PHOTOGRAPHER, D.M. OWEN

ANAL AVAIL	PHOTO QUAL	B+W/COLOR	COMPASS	CAMERA TYPE
NO	FAIR	B+W		SINGLE LENS

NO BOTTOM PHOTOS	BEGIN DEPTH	END DEPTH	DEPTH RANGE
0001	2767M		

PHOTO FEATURES

BIO DEBRIS (TRACKS, MOUNDS, SHELLS)

8.2 Sample Record From a Search of NODC INDEX FOR INSTRUMENT MEASURED
SUBSURFACE CURRENT OBSERVATIONS (NIMSCO) Data Base

NODC NUMBER: 0086
INSTITUTION: RI U RI
INSTITUTION ARCHIVAL NUMBER: GSO-076
PLATFORM NAME: 71-9
CRUISE DATE: 71 02 11
CRUISE ENDED 71 02 20
COUNTRY: USA
PLATFORM TYPE: BUOY MOORED
CONTACT PERSON: R.K. SEXTON
CONTACT ADDRESS: UNIVERSITY OF RHODE ISLAND, KINGSTON, R.I. 02881
CONTACT TELEPHONE: 401 792 6139
INSTRUMENT: H-838 EG+G
MODEL NUMBER: A-100
INSTRUMENT TYPE: CURRENT METER
OBSERVATION TYPE: AVERAGE OF SEVERAL INSTANTANEOUS RECORDS
DATA PROCESSED? YES
OBSERVATION DATES: 71 02 08
OBSERVATION ENDED: 71 02 12
GRID LOCATOR: 7106751136
DATA EDITED? YES
LATITUDE: 17 13 36N
LONGITUDE: 065 16 00W
OBSERVATION DEPTH: 2351
STORAGE MEDIUM: MAG. TAPE
ANALYSIS PRODUCTS GENERATED: SPEED AND D VS TIME, P.V., COMPLOTT
DATA REDUCTION AND PROCESSING REMARKS: PROCESSED DATA AT 1.0 HR
INTERVALS
DATA EDIT CRITERIA REMARKS: GAUSSIAN FILTERS REMOVE FREQ'S

8.3 Sample Cross Indexes and Formatted Output from a Search of the ENVIRONMENTAL DATA BASE DIRECTORY (EDBD) Data Base

Sample Cross Indexes

DATA MEDIUM: RECORD NUMBER(S)

DATA SHEETS:

001800 001807 002596

MAGNETIC TAPE DIGITAL:

001784 001807 002208

MICROFILM

001784 001807

PUNCHED CARDS:

000134

REPORTS:

000598 001784 002545 002596

PLATFORM: RECORD NUMBER(S)

FIXED STATION:

001784 001807 002545

SATELLITE:

001800

SHIP:

000598 002208 002596

PROJECT: RECORD NUMBER(S)

IDOE:

002208

Sample Formatted Output

002545	INTERNATIONAL POLAR EXPEDITION, 1881-1883, POINT BARROW, ALASKA		PAGE 01
	DATA COLLECTED: AUGUST 1881 TO 1883		RECEIVED: JUNE 24, 1974

PROJECTS:

GENERAL GEOGRAPHIC AREA:
NORTH AMERICA, J.S., ALASKA, POINT BARROW

ABSTRACT:
THIS REPORT CONTAINS DATA ON MAMMALS, BIRDS, FISHES, INSECTS, MARINE ORGANISMS, MOLLUSKS, PLANTS, METEOROLOGICAL DATA, MAGNETICS, TIDES, AND ICE THICKNESS. IT IS AN EXTENSIVE DATA REPORT WITH LARGE AMOUNTS OF DESCRIPTIVE NARRATIVES.
(DATA COLLECTED BY US ARMY ON THE POLAR EXPEDITION OF 1881-1883)

DATA AVAILABILITY:
AVAILABLE ON A LOAN BASIS WITH OTHER LIBRARIES. FREE REPRODUCTION OF UP TO 15 PAGES.

PLATFORM TYPES:
FIXED STATION

ARCHIVE MEDIA:
REPORTS
2 VOLUMES, 1 CONTAINING DATA AND NARRATIVE (700 PAGES) THE OTHER CONTAINING APPROXIMATELY 60 PHOTOGRAPHS.

FUNDING:

INVENTORY:

PUBLICATIONS:
REPORT OF THE INTERNATIONAL POLAR EXPEDITION TO POINT BARROW, ALASKA, 1885, LT. P.H. RAY.

CONTACT:
CHIEF, ATMOSPHERIC SCIENCES LIBRARY 301 427 7800
NOAA, ENVIRONMENTAL DATA SERVICES
8060 13TH ST.
SILVER SPRING MARYLAND USA 20910

GRID LOCATOR (LAT):
771515 771516 771517

PARAMETER IDENTIFICATION SECTION:			
NAME	SPHERE	METHOD	UNITS
POSITION	EARTH	FIXED POINT	DM
TIME	EARTH	STATION TIME	YMOH
PRESSURE	AIR	MERCURY	INCHES HG
TEMPERATURE	AIR	BAROMETER	DEG F
RELATIVE HUMIDITY	AIR	MERCURY THERMOMETER	PERCENT
WIND DIRECTION	AIR	DIRECTION VANE	QUADRANTS
WIND SPEED	AIR	ANEMOMETER	MPH
PRECIPITATION	AIR	VARIOUS	INCHES TO

DATA AMOUNT	FREQUENCY	HEIGHT/DEPTH	REMARKS
1 STATIONS	1 OBS/STN	.....	.....
22 MDS	1 OBS/HOUR	.....	EASTERN STANDARD TIME
22 MDS	1 OBS/HOUR	.....	.....
22 MDS	1 OBS/HOUR	.....	.....
22 MDS	1 OBS/HOUR	.....	HYGROMETER AND CALCULATED
22 MDS	1 OBS/HOUR	.....	.....
22 MDS	1 OBS/HOUR	.....	RAIN GAGE AND

002545 INTERNATIONAL POLAR EXPEDITION, 1881-1883, POINT BARROW, ALASKA (CONT.)							PAGE 02
PARAMETER IDENTIFICATION SECTION:							
NAME	SPHERE	METHOD	UNITS	DATA AMOUNT	FREQUENCY	HEIGHT/DEPTH	REMARKS
AMOUNT							
SKY	AIR	VISUAL	HUNDRETHS	22	1 OBS/HOUR		DIRECT MEASURE
CLOUDS	AIR	VISUAL	SCALE 1 TO 10	22	1 OBS/HOUR		CLOUD COVERAGE
TEMPERATURE	WATER	VISUAL	DEG F	22	1 OBS/HOUR		SEA WATER AND
		WATER	DEG F	22	1 OBS/HOUR		ICE
TEMPERATURE	LAND	THERMOMETER	DEG F	22	1 OBS/HOUR	37 AND ONE	BELOW THE
		WATER	DEG F	22	1 OBS/HOUR	HALF FT	SURFACE
GEOMAGNETIC	EARTH	VARIJJS	DEGREES TO	22	1 OBS/HOUR		THEODOLITE
DECLINATION			TENTHS				MAGNETOMETER
							AND JNIFILAR
GEOMAGNETIC	EARTH	VARIJJS	NEUTONS, DYNES	22	1 OBS/HOUR		MAGNETOMETER
HORIZONTAL							REPORTED AS A
INTENSITY	EARTH	VARIJJS	NEUTONS, DYNES	22	3 DAYS/MOS		FORCE
GEOMAGNETIC	EARTH	VARIJJS	MINUTES TO	22	3 DAYS/MOS		REPORTED AS A
TOTAL INTENSITY	EARTH	VARIJJS	TENTHS OF	22			FORCE
GEOMAGNETIC DIP	EARTH	VARIJJS	ANGLE	22			
			FEET TO	22	HALF HOURLY		
WATER LEVEL	WATER	FLOAT END CABLE	HUNDRETHS	22			TIDE LEVEL
SPECIES	WATER	KEY		25			
DETERMINATION							
OF MAMMALS							
SPECIES	LAND	KEY		25			
DETERMINATION							
OF MAMMALS							
LENGTH OF	WATER	VARIJJS	FEET-INCHES	1			
MAMMALS							WHITE WHALE,
							FORK LENGTH,
							LENGTH OF
							VARIOUS FINS
SPECIES	AIR	KEY		53			
DETERMINATION							
OF BIRDS							
SPECIES	WATER	KEY		18			
DETERMINATION							
OF PELAGIC							
FISH							
SPECIES	AIR	KEY		15			
DETERMINATION							
OF INSECTS							
SPECIES	BOTTOM	KEY		30			
DETERMINATION							
OF BENTHIC							
ANIMALS							
SPECIES	WATER	KEY		30			
DETERMINATION							
OF ZOOPLANKTON							
COUNT OF	BOTTOM	VISUAL		30			
BENTHIC							
ANIMALS							

8.4 Sample Citation from a Search of the METEOROLOGICAL AND GEOPHYSICAL ABSTRACTS (MGA) Data Base

ID NO.- MGA24080013 DOC TYPE- O
 PHOTOCHEMICAL SMOG AND OZONE REACTIONS.
 DESCRIPTORS- OZONE SYMPOSIA, OZONE-ATMOSPHERIC POLLUTION
 RELATIONSHIPS, ATMOSPHERIC POLLUTION SYMPOSIA, SMOG, PHOTOCHEMISTRY OF
 SMOG,
 UDC - 551.510.4:551.575:541.14:061.3
 CTRY OF PUBL- US
 SOURCE- SPONSORED BY AMERICAN CHEMICAL SOCIETY AT ITS 161ST MEETING.
 ADVANCES IN CHEMISTRY SERIES, WASH., D.C., 113, 1972. 285 p.
 THE PAPERS PRESENTED AT TWO SYMPOSIA ARE COMBINED INTO ONE BOOK.
 THOSE IN THE SYMPOSIUM ON PHOTOCHEMICAL SMOG REVIEW VARIOUS ASPECTS OF
 PHOTOCHEMICAL AIR POLLUTION. MECHANISMS OF SMOG REACTIONS, SIMULATION
 OF URBAN AIR POLLUTION, AND MODELS AND ABATEMENT STRATEGY FOR
 PHOTOCHEMICAL SMOG ARE COVERED. THE PAPERS FROM THE SYMPOSIUM ON OZONE
 REACTIONS IN THE ATMOSPHERE DEAL WITH THE CURRENT RESEARCH INTO THE
 CHEMICAL BEHAVIOR OF OZONE AND WITH PRACTICAL PROBLEMS OF AIR POLLUTION.
 TOPICS INCLUDE REACTIONS OF OZONE WITH AMMONIA, OLEFINS, AND ORGANIC
 SULFIDES WITH SELECTED HYDROCARBONS TO FORM AEROSOLS; FORMATION AND
 DESTRUCTION OF OZONE, THE ROLE OF CARBON MONOXIDE AND HYDROGEN PEROXIDE
 IN THE ATMOSPHERE; AND THE PHOTOOXIDATION OF PROPYLENE IN THE PRESENCE
 OF NO.SUB 2. AND O.SUB 2 ..

8.5 Sample Citation from a Search of the OCEANIC ABSTRACTS (OA) Data Base

70-04370
 SHALLOW STRUCTURAL CHARACTERISTICS OF FLORIDA ATLANTIC SHELF AS
 REVEALED BY SEISMIC REFLECTION PROFILES.
 MEISBURGER, E. P.; DUANE, D. B.
 PUBL. YR: 69 PUBL. TYPE: U.S. COASTAL ENGINEERING RESEARCH CENTER.
 WASH. D.C. REPRINT O. 1-70, 9 PAGES, OCT. 1969.
 DESCRIPTORS: SAND, SEISMIC REFLECTION PROFILING, GEOLOGIC STRUCTURES,
 FLORIDA COAST, CONTINENTAL SHELF.

8.6 Sample Citation (with abstract) from a search of the GOVERNMENT REPORTS ANNOUNCEMENTS (GRA) Data Base

1

METEOROLOGICAL AND OCEANOGRAPHIC OBSERVATIONS ON BOARD NETHERLANDS LIGHTVESSELS IN THE NORTH SEA: VOLUME 22, 1970

ROYAL NETHERLANDS METEOROLOGICAL INST., DE BILT.

C4674J2 FLD: 04B STAR1309

7 JUN 74 186P

REPT NO: KNMI-141-22

MONITOR: 18

IN DUTCH AND ENGLISH.

ABSTRACT: NORTH SEA METEOROLOGICAL AND OCEANOGRAPHIC OBSERVATIONS DURING 1970 ARE PRESENTED IN TABULAR FORM. METEOROLOGICAL DATA INCLUDE AIR PRESSURE, AIR TEMPERATURE AND WET BULB TEMPERATURE, SEAWATER TEMPERATURE, AMOUNT OF PRECIPITATION, DURATION OF PRECIPITATION AND FOG. OCEANOGRAPHIC DATA INCLUDE SALINITY, SWELL, AND SEA CURRENTS.

DESCRIPTORS: *METEOROLOGICAL CHARTS, *NORTH SEA, *OCEANOGRAPHY, ATMOSPHERIC PRESSURE, ATMOSPHERIC TEMPERATURE, PRECIPITATION (METEOROLOGY), SALINITY, SHIPS, TABLES (DATA), WEATHER STATIONS

IDENTIFIERS: NTISNASA

N75-17916/8ST NTIS PRICES: PC\$7.00/MF\$2.25

8.7 Sample Citation from a Search of BIBLIOGRAPHY AND INDEX OF GEOLOGY (GEOREF) Data Base

ID - E75-14125

TI - GEOPHYSICAL CONTRIBUTIONS TO TAPHROGENESIS

AU - FUCHS, K.

SY - IN APPROACHES TO TAPHROGENESIS (EDITED BY J. H. ILLIES AND K. FUCHS); DYNAMIC MODELS FOR TAPHROGENESIS, P. 420-432, ILLUS.

SO - E. SCHWEIZ. VERLAGSBUCHHANDLUNG (NAEGELE U. OBERMILLER), STUTTGART, 1914

DE - TECTONICS, TECTONOPHYSICS, CONCEPTS, STRUCTURE, TAPHROGENESIS, FAULTS, GRABENS, EUROPE, GERMANY, FRANCE, RHINE GRABEN, MODELS, RESISTIVITY, ELECTRICAL, GRAVITY FIELD, MANTLE, LOW-VELOCITY LAYER, SEISMIC SURVEYS, SEISMOLOGY

LA - EL

9. DESCRIPTIONS OF SUBJECT INDEX TO THE ENDEX/OASIS DATA BASES

The following index can be used to identify data bases relevant to the general subject areas specified. Once a user has identified all data bases of possible interest, the descriptions that follow may be studied to determine whether each is appropriate to his interests.

Data bases such as DDC, ASCA, SCISEARCH, SSIE, LIBCON, and GRA are usually not indexed in this table since they contain information in most of the subject areas.

SUBJECT AREA	DATA BASES
A	
aeronomy	MGA, NASA, NSA
agriculture	CAIN
air quality	APA, EDBD
air pollution	APA, CAC, CT, EDBD, EI, MGA, POLLUTION, SPIN
aquaculture	CULTURE
aquatic biology	CULTURE, BIRS, EDBD
astrophysics	EDBD, MGA, NASA, NSA
atmospheric physics	EDBD, MGA, NASA, NSA
B	
biochemistry	BA, BRI, CAC, CT, MEDLINE, OA, TOXLINE
bioengineering	BA, BRI, EI
biology	BA, BRI, EDBD, EI
botany	BA, BRI, CAIN, EDBD
C	
cartography	NASA
chemical oceanography	CAC, CT, EDBD, OA, PIDS, ROSCOP
chemistry	CAC, CT, EDBD, EI, MEDLINE, NSA, OA
ENDEX/OASIS	January 1976

SUBJECT AREA	DATA BASES
climatology	APA, CAIN, EDBD, MGA, NASA
coastal zone management	BA, BRI, EDBD, EI, OA
communications	EI, INSPEC, NASA
congressional information	CIC
currents--use subsurface ocean currents	
E	
ecology	BA, BIRS, BRI, EDBD, OA, SWRA
energy sources, production and management	ENER, NSA, PE NEWS
entomology	
environmental biology	BA, BIRS, BRI, EDBD, MEDLINE, OA
environmental monitoring	APA, EDBD, EI, NASA, NSA, OA, ROSCOP, SWRA
estuaries	EDBD, OA, SWRA
F	
fish and fisheries	BA, BIRS, BRI, EDBD, FSTA, FWRS, OA, SWRA
fluid physics	INSPEC, NASA, NSA, OA
food chemistry	CAC, CT, FSTA, MEDLINE, OA
food technology	BA, BRI, EI, FSTA, OA
G	
geochemistry	CAC, CT, EDBD, GEOL, GEOREF, GPA, OA
geological oceanography	EDBD, GEOL, GEOREF, OA, ROSCOP
geology	EDBD, EI, GEOL, GEOREF, GPA, OA, ROSCOP
geodesy	GAP, NASA, OA
geomagnetism	EDBD, GEOL, GEOREF, GPA, NASA, OA

SUBJECT AREA	DATA BASES
H	
hydrology	EDBD, EI, MGA, SWRA
I	
ionospheric phenomena	EDBD, MGA, NASA, NSA
L	
land pollution	EDBD, POLLUTION
M	
marine biology	BA, BIRS, BRI, EDBD, OA
marine chemistry	CAC, CT, EDBD, OA
marine environment	BIRS, EDBD, OA
marine ecology	EDBD, GEOREF, OA
marine pollution	EDBD, POLLUTION
meteorology	APA, EDBD, EI, MGA, NASA, NSA, OA, ROSCOP
microbiology	BA, BRI, EDBD, FSTA
N	
NOAA publications	GRA
noise pollution	POLLUTION
nutrition	FSTA
nuclear science and technology	EI, NASA, NSA
O	
ocean dumping	EDBD, SWIRS
ocean currents	NIMSCO, OA

SUBJECT AREA	DATA BASES
oceanography	BA, BRI, CAC, CT, EDBD, EI, GEOREF, MGA, OA, ROSCOP
organic chemistry	CAC, CT, OA
P	
paleontology	GEOL, GEOREF, OA
pesticides	CAIN, MGA, OA, POLLUTION
petroleum	PE NEWS
photochemistry	APA, CAC, CT
physical chemistry	CAC, CT, NSA, ROSCOP
physiology	CHEMCON, SWRA, TOXLINE, TOXMAT
physics	EDBD, EI, INSPEC, NSA, OA
pollution - see various types, also	EDBD, POLLUTION, ROSCOP
R	
radiation	CAC, CT, ENER, INSPEC, MEDLINE
radiation science	MGA, NASA, NSA, OA
S	
satellites	EDBD, MGA, NASA, OA
Sea Grant publications	GRA
seismology	EDBD, EI, GEOL, GEOREF, OA
sewage & waste treatment	EDBD, POLLUTION, SWIRS
solar energy	EDBD, ENER
solar physics and phenomena	EDBD, MGA, NASA, NSA
solid waste disposal	SWIRS
space sciences	MGA, NASA, NSA
subsurface ocean currents	NIMSCO
ENDEX/OASIS	

SUBJECT AREA

DATA BASES

T

thermal pollution

EDBD, HEF, NSA, OA, POLLUTION

toxicology

BA, BRI, CAC, CT, MEDLINE, TOXLINE, TOXMAT

U

underwater photography

EDBD, OA, PHOTO

undersea technology

EDBD, EI, OA

upper air physics

EDBD, MGA

W

water pollution

CAC, CT, EDBD, EI, ENER, OA, POLLUTION, SWRA,
TOXLINE

water quality

EDBD, OA, SWRA

water resources

EDBD, EI, OA, SWRA

water treatment

EDBD, EI, OA, SWRA

weather forecasting

APA, EDBD, MGA, NASA

wildlife

FWRS

NOAA FORM 24-21
(9-75)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

DATE

REQUEST FOR OASIS SERVICES
(OCEANIC AND ATMOSPHERIC SCIENTIFIC INFORMATION SYSTEM)

1. NAME OF PERSON SUBMITTING REQUEST (Last, First, Middle)

2. PHONE NO. (Include A.C.)

3. ADDRESS - NUMBER AND STREET

CITY

STATE

ZIP CODE

4. INDIVIDUAL TO ACTUALLY USE THIS SEARCH (Last, First, Middle)

5. TITLE AND ORGANIZATION

6. PHONE NO. (Include A. C.)

7. DETAILED SUBJECT AREA REQUIREMENTS (Please describe your information needs as specifically as possible. Include key words, synonyme, and taxonomic terms as appropriate, indicating any terms that may have special meaning to your request.)

8. GEOGRAPHIC RESTRICTIONS - (If only certain areas are of interest, list them here)

9. AUTHORS - (List any authors whose writings are of interest, specifying first and middle names when known)

10. LIST ANY JOURNALS WHOSE CONTENTS SHOULD BE EXCLUDED FROM THIS SEARCH

11. DATA BASE(S) TO BE SEARCHED - (See user's guide for list of available data bases; consultation with OASIS personnel may be necessary)

12. PURPOSE OF SEARCH - (Please indicate the purpose for which this search will be used, giving specific details that will put your request into context. e.g.: ongoing research, prospective research, preparation of book, book chapter, journal article, paper to be presented at conference, etc.)

13. SEARCH REQUIREMENTS (Please check one of the boxes below to indicate the type search you require)

☐ CONTINUING CURRENT AWARENESS (SDI)

☐ ONE TIME RETROSPECTIVE SEARCH

☐ OTHER (Specify) _____

14. SCOPE DESIRED (Please check one of the boxes below)

☐ BROAD SEARCH DESIGNED TO RETRIEVE AS MANY AS POSSIBLE OF THE RELEVANT CITATIONS, BUT WHICH MIGHT ALSO RETRIEVE MANY IRRELEVANT CITATIONS.

☐ NARROW SEARCH DESIGNED TO RETRIEVE SOME OF THE RELEVANT CITATIONS, BUT WITH FEW ACCOMPANYING IRRELEVANT CITATIONS.

15. KNOWN RELEVANT PAPERS - (Supply bibliographic citations for a few of the relevant articles you have retrieved by your own efforts. If no relevant papers have been found, state "NONE".)

16. APPROVAL AND ACCEPTANCE OF CHARGES FOR PERFORMANCE OF WORK (NON-NOAA USERS ONLY)

SIGNATURE

TITLE AND ORGANIZATION

ADDRESS

17a. PRICE FOR SERVICES FROM USER'S GUIDE
(Non-NOAA users only)

\$ _____

17b. PAYMENT FOR SERVICES (Non-NOAA users only)

☐ PAYMENT ENCLOSED \$ _____
(Check or money order only)

☐ BILL

(Make checks payable to U. S. Dept. of Commerce - NOAA)

SEND THIS FORM WITH PAYMENT, IF APPROPRIATE, TO ANY NOAA OFFICE LISTED IN THE INDEX/OASIS USER'S GUIDE OR:

Environmental Science Information Center (D8)
NATIONAL OCEANIC AND ATMOSPHERIC ADM.
Washington, D. C. 20235

IF SPECIAL ASSISTANCE IS NEEDED FOR COMPLETION OF THIS FORM, CALL:

OASIS Technical Information Specialist
Area Code (202) 634-7336
Working Hours: 7:30 A.M. to 4:00 P.M. Eastern Time

NOAA FORM 24-21 (9-75)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		DATE
REQUEST FOR OASIS SERVICES (OCEANIC AND ATMOSPHERIC SCIENTIFIC INFORMATION SYSTEM)				
1. NAME OF PERSON SUBMITTING REQUEST (Last, First, Middle)			2. PHONE NO. (Include A.C.)	
3. ADDRESS - NUMBER AND STREET				
CITY		STATE		ZIP CODE
4. INDIVIDUAL TO ACTUALLY USE THIS SEARCH (Last, First, Middle)				
5. TITLE AND ORGANIZATION			6. PHONE NO. (Include A. C.)	
7. DETAILED SUBJECT AREA REQUIREMENTS <i>(Please describe your information needs as specifically as possible. Include key words, synonyms, and taxonomic terms as appropriate, indicating any terms that may have special meaning to your request.)</i>				
8. GEOGRAPHIC RESTRICTIONS - <i>(If only certain areas are of interest, list them here)</i>				
9. AUTHORS - <i>(List any authors whose writings are of interest, specifying first and middle names when known)</i>				
10. LIST ANY JOURNALS WHOSE CONTENTS SHOULD BE EXCLUDED FROM THIS SEARCH				

11. DATA BASE(S) TO BE SEARCHED - (See user's guide for list of available data bases; consultation with OASIS personnel may be necessary)

12. PURPOSE OF SEARCH - (Please indicate the purpose for which this search will be used, giving specific details that will put your request into context. e.g.: ongoing research, prospective research, preparation of book, book chapter, journal article, paper to be presented at conference, etc.)

13. SEARCH REQUIREMENTS (Please check one of the boxes below to indicate the type search you require)

☐ CONTINUING CURRENT AWARENESS (SDI)

☐ ONE TIME RETROSPECTIVE SEARCH

☐ OTHER (Specify) _____

14. SCOPE DESIRED (Please check one of the boxes below)

☐ BROAD SEARCH DESIGNED TO RETRIEVE AS MANY AS POSSIBLE OF THE RELEVANT CITATIONS, BUT WHICH MIGHT ALSO RETRIEVE MANY IRRELEVANT CITATIONS.

☐ NARROW SEARCH DESIGNED TO RETRIEVE SOME OF THE RELEVANT CITATIONS, BUT WITH FEW ACCOMPANYING IRRELEVANT CITATIONS.

15. KNOWN RELEVANT PAPERS - (Supply bibliographic citations for a few of the relevant articles you have retrieved by your own efforts. If no relevant papers have been found, state "NONE".)

16. APPROVAL AND ACCEPTANCE OF CHARGES FOR PERFORMANCE OF WORK (NON-NOAA USERS ONLY)

SIGNATURE

TITLE AND ORGANIZATION

ADDRESS

17a. PRICE FOR SERVICES FROM USER'S GUIDE
(Non-NOAA users only)

\$ _____

17b. PAYMENT FOR SERVICES (Non-NOAA users only)

☐ PAYMENT ENCLOSED \$ _____
(Check or money order only)

☐ BILL

(Make checks payable to U. S. Dept. of Commerce - NOAA)

SEND THIS FORM WITH PAYMENT, IF APPROPRIATE, TO ANY NOAA OFFICE LISTED IN THE ENDEX/OASIS USER'S GUIDE OR:

Environmental Science Information Center (D8)
NATIONAL OCEANIC AND ATMOSPHERIC ADM.
Washington, D. C. 20235

IF SPECIAL ASSISTANCE IS NEEDED FOR COMPLETION OF THIS FORM, CALL:

OASIS Technical Information Specialist
Area Code (202) 634-7336
Working Hours: 7:30 A.M. to 4:00 P.M. Eastern Time



PENN STATE UNIVERSITY LIBRARIES



A000072043080



NOAA-S/T 76-1866